

<i>Chandler Science Saturday Events</i>	
Air Products	Air Products creates its products out of thin air! See the business uses of liquid nitrogen from aerospace to food preservation.
AIT – Advance Integration Technologies	Two CAD laptops displaying design of systems manufactured by AIT. These fictional systems show gas delivery systems at work.
Arizona SciTech Festival	A colorful display representing the Arizona SciTech Festival including demonstrations of solar activities; workbook giveaways and prizes.
Assembly Unlimited	See how science and engineering is used in everyday life. Learn what to expect from a job in the engineering field.
ASU - College of Technology and Innovation <i>At ASU's College of Technology and Innovation (CTI), we believe the best way for students to learn real skills is to dive right in and make something!</i>	<p>At the CTI booth learn about what happens to pilots who experience oxygen deprivation when flying at high altitudes and play with the actual puzzles they use in their training.</p> <p>Meet members of Alpha Eta Rho, an aviation fraternity for students in our Aeronautical Management Technology degree program, as they will help you to experience flying a variety of different aircrafts in a life-like, flight simulation computer game.</p> <p>Don't forget to create a button to tell the world what you're going to make happen today as well as share with us what 'making means to you' by contributing to our event display board while checking out a demo of a student-built, giant Tesla coil.</p>
Bonded Logics – Phoenix Fibers - United Fibers	<p>Bonded Logic: Check out a wall of UltraTouch Recycled Denim Insulation, and see how Bonded Logic uses the recycled textiles that Phoenix Fibers processes to manufacture our products</p> <p>Phoenix Fibers: See what happens to textiles that are placed into recycling bins.</p> <p>United Fibers: A “recycle toss” highlights what items should be placed into the blue recycling bins.</p>
Center for Native & Urban Wildlife	Two aquariums with harmless native desert wildlife including a chuckwalla, native lizard, and box turtle.
Chandler Air Service	Chandler Air Service will answer questions regarding aviation and have pictures of aviation flight counseling and general airport operations information.
Chandler Gilbert Community College: Lineman & STEM Program	<p>Lineman: Students will erect a single-phase power line, including power poles, cable, transformer, and secondary cable. students can see how line workers do their job and how a power line is constructed.</p> <p>Stem Program: Visitors can learn about CGCC's commitment to global and sustainable environments through our upcoming Environmental Technology Center (ETC) and out ETC Community Garden. Also see a robotics demonstration from the engineering group.</p>
Chandler Unified School District	The top student science displays will fill the community center. Check out what our future inventors and scientists are creating today!
City of Chandler - Community Resources African American Inventors	Learn about African American Inventors: Garret Morgan, George Washington Carver, Lonnie Johnson, Benjamin Banneker, Clatonia Dorticus, John Stannard and Thomas Elkins, and Lewis Lattimer.
City of Chandler - Fire	Visual & verbal presentations on fire science, fire department operations, technological equipment, hazardous chemical identification.

City of Chandler – Library: Zinio for Libraries	Zinio for Libraries is a selection of over 500 magazines in many different languages, available for simultaneous viewing by customers 24 hours a day, 7 days a week. There are no limits to how many magazines customers can view and they may access them anywhere.
City of Chandler - Municipal Airport	Discover the world of aviation through a series of full-size and model scale displays in addition to hands on "how stuff works" experiences.
City of Chandler – Police Science at Work at the Chandler Police Department	Chandler police will have a Crime Scene Van on display and a mini ‘crime scene’.
City of Chandler - Tumbleweed Rec. Center	Pick up a free week trial card and some fun items at the tumbleweed recreation center table.
City of Chandler – Economic Development	Your one-stop shop for information about the SciTech festival and general information about the city of Chandler.
Desert Sun Wellness Center	Free massages
Food Trucks	Food from Ellies Native American & Mexican Food; Ralphs Snack Bar - Burgers Amore; Chandler BBQ Company; and Sweet Pockets.
GameTruck	Check out displays of video games or travel through the solar system with a GameTruck spaceship.
Gangplank	An ASU professor will have a presentation about Mars Rovers and activities whereas participants can create a rover.
Intel	Exciting displays including a Dancing Robot, Helicopter and information on ‘Engineering is Elementary’.
Kyrene del Ciello’s Discovery Room: Kyrene School District	Demonstrations of the use of GPS units to kids and a model to explain how GPS uses satellite information to work. Kids can try a hands-on activity to produce their own topographic model of an area using recyclable materials, and then put it into any of three “modules” and attempt to triangulate to a point on their landscape.
Kyrene Akimel Middle School: Kyrene School District	A mini, informal learning museum with opportunities for visitors to learn about and create models of how molecules in solids, liquids and gases are arranged and interact. Visitors can then create a narrator for their model using the website voki.com.
Oblyvion Enterprises LLC	An illustration of where technology has taken music and how one person can use a few tools to explore, compose and perform in the modern era.
Orbital Science: Launch Systems Group	Orbital Science knows rocket science. Orbital will bring table top pieces of hardware, subscale models and a stand up display with photos and videos.
Quantum Helicopters	Real helicopter display.
Serious Integrated Inc.	Serious integrated makes touchscreen devices for just about everything. See how they do it.
Sun Valley Solar Solutions	Watch the sun at work as a solar panel powers a laptop. Sun Valley also, take a solar bead challenge.
Create a Video Game: U of A – 2nd floor - Room 201 45 minutes interval beginning at 11:25 & 1:15	Participants will learn some simple programming to modify a video game starter. Even take home a playable copy of the game!

Designing Fun Video Games U of A – 2nd floor - Room 201 (45 minutes interval begging at 10:30 & 12:20)	Anyone can invent a game--people do it all the time--but making a game that is actually fun is a challenge. In this workshop, you'll learn what makes games fun, then you'll design your own game using just a few simple tools.
Linguistics U of A – 2nd floor - Room 202	Get a spectrogram of your name. Learn about speech sounds in your name and across the world's languages. Learn how alphabets work (and sometimes do not).
Master IP U of A – 2nd floor – Room 203	Master-IP teachers and students will present sample lessons/activities based on the teacher’s summer business internships to see how teachers and students benefit from working with our business partners.
What the Heck is MIS? U of A – 2nd floor – Room 205 (Begins at 10:30 & 1:30)	Find out about the exciting world of Management Information Systems (MIS.) Discover how social media and how we interact with it is changing the world YOU live in. 15 minute presentations will be given throughout the day.
Insect Discovery U of A – 2nd floor – Room 206	Get up close and personal with cockroaches, beetles, caterpillars and other insects and their relatives. Learn about the amazing and unique insects of Arizona. Discover the under-appreciated world of decomposers. Eat crickets (maybe)!
UA Robot Soccer U of A – Courtyard	Participants will learn about sensors, actuators, mechanism design and robotics through an interactive robot soccer game, where LEGO NXT robot players compete under the wireless communication and control
Teach AZ DNA Extraction U of A – Courtyard	Participants will extract DNA from strawberries with the assistance of a Teach Arizona student teacher and his Chandler High School students. The extraction consists of mashing the fruit in zip-lock bags with a detergent-based extraction solution, filtering, and then allowing the DNA to “precipitate” out of the solution using cold ethanol. Participants will leave with a vial containing strawberry DNA.
Valley Christian High school Community Center - 1ST floor Room 109, 110, 111	Our Robotics team will be demonstrating robots built in the classroom by the students and the technology and engineering that go into designing, building, and programming the robots. Visitors can grab the controls and take the robots for a test drive on our playing field.